

Substance Details Report

January 9, 2017

Core Metadata

Substance Type	Chemical Substance
EPA Registry Name	Trichloroethylsilane
EPA Registry Name List	Chemical Identification
Systematic Name	Silane, trichloroethyl-
Systematic Name List	Chemical Abstracts Index Name
Preferred Acronym	
CAS Number	115-21-9
EPA Identification Number	
TSN Number	
Kingdom	
ICTVDB	
Molecular Formula	C2H5Cl3Si
Molecular Weight	163.51
Comment/Description	

Internal Tracking Number	29074
Substance Status	Approved

Definition

Classifications

Associated Identifiers

There is no information about former or incorrectly used identifiers.

Structure

Notation	Notation Type
CC[Si](Cl)(Cl)Cl	SMILES

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Synonym

Below are the EPA applications/systems, statutes/regulations, or other sources that track or regulate this substance. This table shows how each list refers to the substance.

Statutes/Regulations

Statutes/Regulations	Synonym	Synonym Quality	Effective Date	End Date
2016 CDR TSCA Inv	Trichloroethylsilane	Valid		
EPCRA 302	Trichloroethylsilane	Valid	11/17/1986	
TSCA Inv	Silane, trichloroethyl-	Valid		

EPA Applications/Systems

EPA Application/System	Synonym	Synonym Quality	Effective Date	End Date
2012 CDR	Silane, trichloroethyl-	Valid		
CAMEO Chemicals	Ethyltrichlorosilane	Valid		
CERCLIS3	Trichloroethylsilane	Valid		
CORR	Trichloroethylsilane	Valid		
ERNS	Ethyltrichlorosilane	Valid		
ERNS	Trichloroethyl silane	Valid		
GCES	Ethyltrichlorosilane	Valid		
HPVC List	Silane, trichloroethyl-	Valid		
HPVIS	Silane, trichloroethyl-	Valid		

Other Sources

Other Sources	Synonym	Synonym Quality	Effective Date	End Date
CA Index	Silane, trichloroethyl-	Valid		
CFATS	Ethyltrichlorosilane	Unknown	08/08/2013	
CUS02	Silane, trichloroethyl-	Valid		
CUS86	Silane, trichloroethyl-	Valid		
CUS90	Silane, trichloroethyl-	Valid		
CUS94	Silane, trichloroethyl-	Valid		
CUS98	Silane, trichloroethyl-	Valid		
ChemIDStd	Trichloroethylsilane	Valid		
FDA	TRICHLOROETHYLSILANE	Unknown		

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Other Sources	Synonym	Synonym Quality	Effective Date	End Date
HSDB	Trichloroethylsilane	Valid		
NJ-RTK-HS	Ethyltrichlorosilane	Valid		

Ad Hoc List

Ad Hoc List	Synonym	Synonym Quality	Effective Date	End Date
AEGL	Ethyl trichlorosilane	Unknown		

EPA Synonyms

There are no Synonyms of this type.

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Component Of

Systematic Name	Synonym	CAS Number	TSN	EPA Identifier	Effective Date	End Date
Volatile organic compounds	VOCs			E761346		

Related References

<http://nj.gov/health/eoh/rtkweb/documents/fs/0912.pdf>

<http://chem.sis.nlm.nih.gov/chemidplus/direct.jsp?regno=115-21-9&result=advanced>

<http://fdasis.nlm.nih.gov/srs/srsdirect.jsp?regno=6Q81CH0W5Z>

<http://chem.sis.nlm.nih.gov/chemidplus/direct.jsp?regno=0000115219>